

**IN THE CLAIMS:**

Please amend the claims as follows:

Claim 1 (Currently Amended): An information recording apparatus that comprises:

a recording device for recording information for each track, said each track being a minimum unit which is designated at the time of reproducing the information;

an information attaching and generating device, which attaches track number information to each track recorded in an information recording medium and generates group control information to control one or a plurality of tracks as one group;

an inputting operation device for performing an inputting operation in accordance with a user's instruction; and

a detection device for giving a grouping instruction to said information attaching and generating device at the time when the inputting operation relating to an interruption of a track recording is detected ~~during recording of information~~ while the recording is being performed,

wherein, if the inputting operation relating to the interruption is detected while a recording for a track is in progress, said recording device interrupts a recording after finishing said recording of said track, and if the inputting operation relating to the interruption is detected after a recording for a track is finished, said recording device interrupts a recording when the interruption inputting operation is detected,

said information attaching and generating device generates the group control information to control one or a plurality of tracks as one group when said grouping instruction is received, said one group being constituted of one or a plurality of tracks recorded during a period from a start of the recording to an interruption of the recording, and

said information attaching and generating device updates the group control information so as to control one or a plurality of tracks as a new group every time said grouping instruction is received  
~~by making the tracks from the track where recording to said information recording medium is started to at least the track already recorded at the point when said grouping instruction is received by the same group.~~

Claim 2 (Currently Amended): The information recording apparatus according to Claim 1, wherein

said detection device gives the grouping instruction to said information attaching and generating device when ~~an instruction to end~~ the inputting operation relating to an end of a the track recording in said information recording medium is detected, and

said information attaching and generating device generates the group control information to control one or a plurality of tracks as one group when said grouping instruction is received, said one group being constituted of one or a plurality of tracks recorded during a period from a start of the recording to an end of the recording  
~~by making the tracks from the track where recording to said information recording medium is started to the track being recorded at the point where said grouping instruction is received by the same group.~~

Claim 3 (Original): The information recording apparatus according to Claim 2, wherein said information attaching and generating device attaches said track number information

to the tracks sequentially recorded from the track where said recording is started in such a manner that the number continuously increases.

Claim 4 (Currently Amended): The information recording apparatus according to Claim 1, wherein

said detection device gives the grouping instruction to said information attaching and generating device when ~~an instruction to~~ the inputting operation relating to a pause the track of a recording to said information recording medium is detected, and

said information attaching and generating device generates the group control information to control one or a plurality of tracks as one group when said grouping instruction is received, said one group being constituted of one or a plurality of tracks recorded during a period from a start of the recording to an pause of the recording ~~by making the tracks from the track where recording to said information recording medium is started to the track being recorded at the point when said grouping instruction is received be the same group.~~

Claim 5 (Original): The information recording apparatus according to Claim 4, wherein said information attaching and generating device attaches said track number information to the tracks sequentially recorded from the track where said recording is started in such a manner that the number continuously increases.

Claim 6 (Currently Amended): The information recording apparatus according to Claim 4, wherein

said detection device gives the grouping start instruction to said information attaching and generating device when ~~an instruction to~~ the inputting operation relating to a release of said ~~pause of the track recording to said information recording medium~~ is detected, and

said information attaching and generating device generates the group control information ~~by making the~~ to control one or a plurality of tracks as a new group, said new group being constituted of a track recorded at the point when said grouping start instruction is received and subsequent tracks ~~be a new group~~.

Claim 7 (Currently Amended): The information recording apparatus according to Claim 5, wherein

said detection device gives the grouping start instruction to said information attaching and generating device when ~~an instruction to release~~ the inputting operation relating to a release of said ~~pause of the track recording to said information recording medium~~ is detected, and

said information attaching and generating device generates the group control information ~~by making the~~ to control one or a plurality of tracks as a new group, said new group being constituted of a track recorded at the point when said grouping start instruction is received and subsequent tracks be a new group.

Claim 8 (Currently Amended): The information recording apparatus according to Claim 1, wherein said detection device gives the grouping instruction to said information attaching and generating device when ~~the instruction to~~ the inputting operation relating to a change of a track recording method to said information recording medium is detected.

Claim 9 (Currently Amended): The information recording device according to Claim 8, wherein said information attaching and generating device generates the group control information to control one or a plurality of tracks as a new group, said new group being constituted of a track recorded at the point when said grouping instruction is received and subsequent tracks ~~by making the track recorded after said grouping instruction is received be a group different from said track already recorded.~~

Claim 10 (Original): The information recording apparatus according to Claim 9, wherein said information attaching and generating device attaches said track number information to the tracks sequentially recorded from the track where said recording is started in such a manner that the number continuously increases.

Claim 11 (Original): The information recording device according to Claim 1, wherein said detection device gives the grouping instruction to said information attaching and generating device when a change of an operation state of a device in a recording source is detected.

Claims 12-13 (Canceled).

Claim 14 (Currently Amended): The information recording apparatus according to Claim 1, wherein said detection device gives the grouping instruction to said information attaching and generating device when the inputting operation relating to a change of a recording mode in said information recording medium is detected.

Claim 15 (Currently Amended): The information recording apparatus according to Claim 14, wherein said information attaching and generating device generates the group control information to control one or a plurality of tracks as a new group, said new group being constituted of a track recorded at the point when said grouping start instruction is received and subsequent tracks ~~by making the track recorded after said grouping instruction is received be a group different from said track already recorded.~~

Claim 16 (Original): The information recording apparatus according to Claim 15, wherein said information attaching and generating device attaches said track number information to the tracks sequentially recorded from the track where said recording is started in such a manner that the number continuously increases.

Claim 17 (Currently Amended): The information recording apparatus according to Claim 1, wherein said detection device gives the grouping instruction to said information attaching and generating device when the inputting operation relating to a change of a recording source is detected.

Claim 18 (Currently Amended): The information recording apparatus according to Claim 17, wherein said information attaching and generating device generates the group control information to control one or a plurality of tracks as a new group, said new group being

constituted of a track recorded at the point when said grouping start instruction is received and subsequent tracks

~~by making the track recorded after said grouping instruction is received be a group different from said track already recorded.~~

Claim 19 (Original): The information recording apparatus according to Claim 18, wherein said information attaching and generating device attaches said track number information to the tracks sequentially recorded from the track where said recording is started in such a manner that the number continuously increases.

Claim 20 (Original): The information recording apparatus according to Claim 19, wherein said information attaching and generating device attaches the track number information in such a manner that said track number information attached to the tracks from the track where said recording is started to the track already recorded at the point when said grouping instruction is received and said track number information attached to the track recorded after said grouping instruction is received are discriminated.

Claim 21 (Original): The information recording apparatus according to Claim 1, further comprising:

a registration device for registering a group information in accordance with content of a change detected by said detection device, wherein said information attaching and generating device further attaches the group information in accordance with the content of said detected change to the track that belongs to said same group.

Claim 22 (Original): The information recording apparatus according to Claim 1, further comprising:

a registration device for reading out information from a recorded track regarding the track and registering the information as a group information, wherein said information attaching and generating device further attaches said group information regarding the track that belongs to said same group to the track that belongs to said same group.

Claim 23 (Previously Presented): The information recording apparatus according to Claim 22, wherein said registration device changes said read-out information when said registration device determines that the same information as said read-out information is already registered, and registers said read-out information as the group information after changing said read-out information.

Claim 24 (Previously Presented): The information recording apparatus according to Claim 23, wherein said registration device performs registration by adding a change that a sub-number is given to said read-out information.